



Local Situation Report

Prepared: 8-17-14 @ 1000

Local	GACC	Nat'l
2	2	4

Today's Fire Danger
High/Very High

INCIDENT SUMMARY for Yesterday

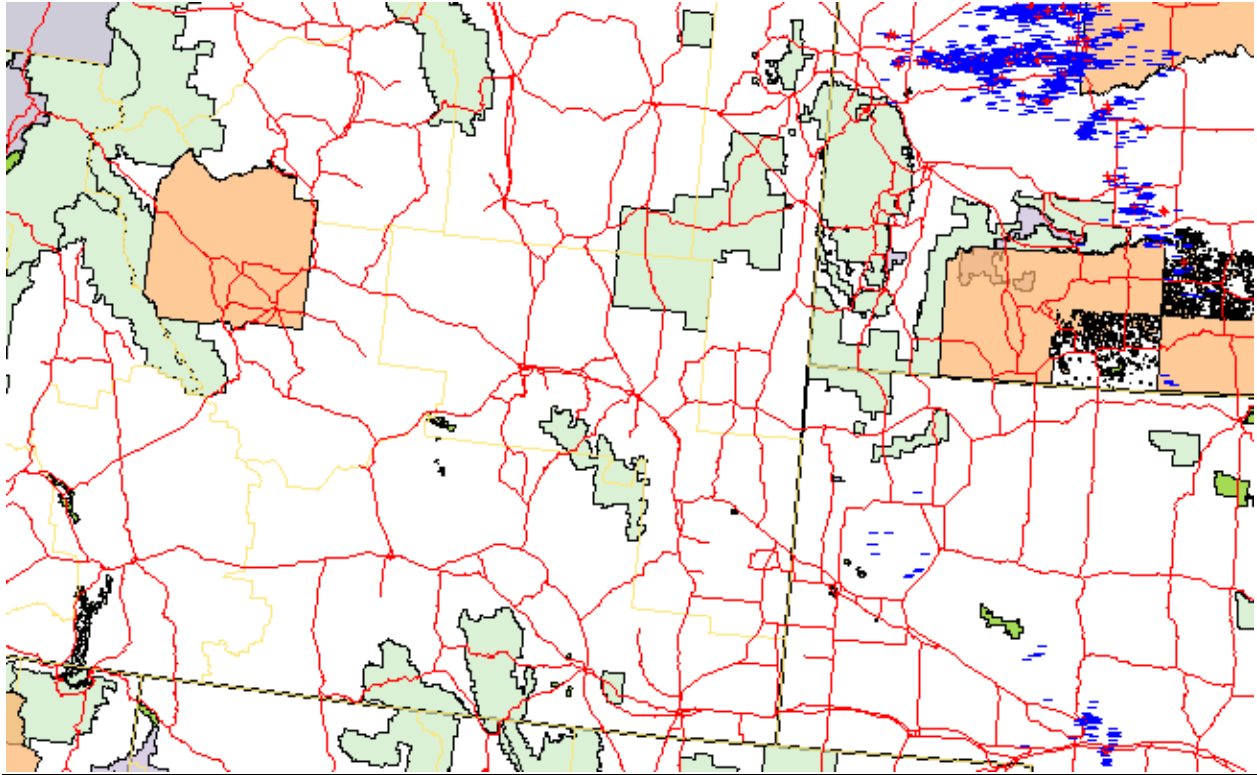
COUNTY AND STATE FIRES						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>
NAX	Opal	.3	H		34N 78W Sec 15	2601 and county units

MED BOW NATIONAL FOREST						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u> (Acres)	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

WHPD BLM						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

Area Discussion:

1 new fire yesterday on county yesterday. Red Flag warnings across the zone today for Low RH and Strong Gusty Winds.

Lightning Map**INDICES (forecasted/actual)**

<u>FDRA</u>	Predicted Today 8/17		
	Indices	Forecasted for 8/17	Actual for 8/16
Echeta	BI	71	48
Rochelle Hills	ERC	17	17
Rochelle Hills	BI	68	64
Poker Creek	ERC	58	58
Casper Mtn	ERC	61	60
Fales Rock	BI	93	82
Sandstone	ERC	N/A	55
Esterbrook	ERC	57	53
Sawmill Park	ERC	39	34

Duty Officers for Today:

<u>Duty Officers</u>	FS - Laramie	Gonnoud
	FS - Saratoga	Rogge
	FS - Douglas	Westbrook
	BLM	Ellis
	State	Graham
	FS – MBF NF	Bentley
	Dispatch	Adams

Local Aviation Resources		Location	Status
	2TJ (Duncan) State	Duncan HB	Avail
	2HX (Rawlins) BLM	RWL	Avali

Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	0608	2004	2034
Casper	0614	2004	2034
Glenrock	0612	2002	2032
Laramie	0614	1958	2028

Fire Restriction for the zone:

Agency	Date	Closed	Remarks
WEX	7/10		Weston Cnt open burning restrictions
BLM	7/10		BLM Lands Weston County
SHX	7/28		Open burning restrictions
JOX	7/17		Open burning restrictions
BLM	8/1		Open burning restrictions

Weather Discussion

WYZ280 -
NATRONA COUNTY/CASPER BLM

RED FLAG CONDITIONS TODAY FOR ZONE 280...289 AND 300. PLEASE SEE THE RED FLAG WARNING PRODUCT FOR THIS AREA FOR FURTHER DETAILS. HIGH TEMPERATURES WILL REMAIN ABOUT THE SAME AS THOSE OF YESTERDAY...RANGING INTO THE MID 60S IN THE MOUNTAINS TO THE UPPER 80S TO AROUND 90 AT LOWER ELEVATIONS. WINDS WILL TEND VARIABLE AT AROUND 10 MPH ACROSS THE NORTHERN ZONES...TO WEST TO NORTHWEST AT 15 TO 25 MPH FOR SOUTHERN LOCATIONS. MINIMUM RELATIVE HUMIDITY VALUES WILL DROP INTO THE LOWER TEENS (PERCENT) AT LOWER ELEVATIONS TO THE LOWER 30S IN THE BIG HORN MOUNTAINS. ONLY A VERY SMALL CHANCE FOR A SHOWER OR THUNDERSTORM IN THE NORTHER BIG HORNS. MONDAY...TEMPERATURES A FEW DEGREES LOWER THAN THOSE OF TODAY...WITH MINIMUM RH VALUES RISING SOME 10 PERCENT. A CHANCE FOR ISOLATED STORMS ARE EXPECTED ACROSS THE SOUTHERN ZONES.

...RED FLAG WARNING IN EFFECT FROM NOON TODAY TO 8 PM MDT THIS EVENING...

.TODAY...

SKY/WEATHER.....MOSTLY SUNNY.
MAX TEMPERATURE.....84-89.
MIN HUMIDITY.....9-15 PERCENT.
20-FOOT WINDS.....WEST WINDS 10 TO 15 MPH WITH HIGHER GUSTS UNTIL
1200...THEN AROUND 20 MPH WITH GUSTS TO AROUND
30 MPH.
RIDGE TOP WINDS.....WEST 15 TO 20 MPH UNTIL 1200...THEN AROUND 25
MPH.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....MOSTLY CLEAR.
MIN TEMPERATURE.....52-57.
MAX HUMIDITY.....63-69 PERCENT.
20-FOOT WINDS.....NORTHWEST WINDS AROUND 15 MPH AND GUSTY UNTIL
2100...THEN DOWNSLOPE/DOWNVALLEY 4-7 MPH.
RIDGE TOP WINDS.....NORTHWEST 15 TO 20 MPH UNTIL 2400...THEN NORTH
AROUND 10 MPH.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

Weather Discussion

WYZ301 -

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL
GRASSLAND

A RED FLAG WARNING REMAINS IN EFFECT FOR MUCH OF SOUTHEAST WYOMING
THIS AFTERNOON AS NORTHWEST WIND GUSTS OF 25 TO 35 MPH WILL
COMBINE WITH HUMIDITIES DROPPING TO THE LOW TEENS. THE HIGHEST
THREAT FOR CRITICAL CONDITIONS WILL BE IN AREAS BELOW 8000 FEET.
FIRE WEATHER CONCERNS WILL DIMINISH ON MONDAY AND TUESDAY AS
MOISTURE WILL INCREASE AT THE SFC AND ALOFT WHILE WINDS WILL
GENERALLY BE WEAKER. CHANCES FOR WETTING RAINS WILL ALSO INCREASE
EARLY NEXT WEEK AS THE MONSOON RETURNS TO THE ROCKIES AND HIGH
PLAINS.

...RED FLAG WARNING IN EFFECT FROM 11 AM THIS MORNING TO 7 PM MDT
THIS EVENING...

.TODAY...

SKY/WEATHER.....MOSTLY SUNNY.
MAX TEMPERATURE.....87-92.
MIN HUMIDITY.....9-15 PERCENT.
20-FOOT WINDS.....WEST UP TO 15 MPH SHIFTING TO THE NORTHWEST IN
THE AFTERNOON. GUSTS UP TO 35 MPH.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....WEST AROUND 10 MPH INCREASING TO NORTHWEST
AROUND 20 MPH IN THE AFTERNOON.
MIXING HEIGHT.....7800-9400 FT AGL INCREASING TO 11400-13400 FT
AGL IN THE AFTERNOON.
SMOKE DISPERSAL.....GOOD (83000 KNOT-FT) INCREASING TO EXCELLENT
(206500 KNOT-FT) IN THE AFTERNOON.
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....MOSTLY CLEAR.
MIN TEMPERATURE.....54-59.
MAX HUMIDITY.....67-73 PERCENT.
20-FOOT WINDS.....NORTHWEST 10 TO 15 MPH AND GUSTY DECREASING TO
UP TO 10 MPH AFTER MIDNIGHT.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....NORTHWEST AROUND 15 MPH DECREASING TO AROUND 5
MPH AFTER MIDNIGHT.
MIXING HEIGHT.....5800-7100 FT AGL DECREASING TO 300 FT AGL AFTER
MIDNIGHT.
SMOKE DISPERSAL.....GOOD (88400 KNOT-FT) DECREASING TO POOR (1500
KNOT-FT) AFTER MIDNIGHT.
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.

Weather Discussion

WYZ307 -
SNOWY RANGE/MEDICINE BOW NF

A RED FLAG WARNING REMAINS IN EFFECT FOR MUCH OF SOUTHEAST WYOMING THIS AFTERNOON AS NORTHWEST WIND GUSTS OF 25 TO 35 MPH WILL COMBINE WITH HUMIDITIES DROPPING TO THE LOW TEENS. THE HIGHEST THREAT FOR CRITICAL CONDITIONS WILL BE IN AREAS BELOW 8000 FEET. FIRE WEATHER CONCERNS WILL DIMINISH ON MONDAY AND TUESDAY AS MOISTURE WILL INCREASE AT THE SFC AND ALOFT WHILE WINDS WILL GENERALLY BE WEAKER. CHANCES FOR WETTING RAINS WILL ALSO INCREASE EARLY NEXT WEEK AS THE MONSOON RETURNS TO THE ROCKIES AND HIGH PLAINS.

. TODAY . . .

SKY/WEATHER.....MOSTLY SUNNY UNTIL 1500...THEN PARTLY CLOUDY.
SLIGHT CHANCE OF SHOWERS AFTER 1500.

MAX TEMPERATURE.....68-76.

MIN HUMIDITY.....11-17 PERCENT.

20-FOOT WINDS.....WEST 10 TO 20 MPH WITH HIGHER GUSTS.

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....WEST 15 TO 20 MPH.

MIXING HEIGHT.....6500-8500 FT AGL INCREASING TO 10100-12100 FT
AGL IN THE AFTERNOON.

SMOKE DISPERSAL.....VERY GOOD (106400 KNOT-FT) INCREASING TO
EXCELLENT (202600 KNOT-FT) IN THE AFTERNOON.

HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....PARTLY CLOUDY. SLIGHT CHANCE OF SHOWERS UNTIL
2100.
MIN TEMPERATURE.....42-48.
MAX HUMIDITY.....61-67 PERCENT.
20-FOOT WINDS.....WEST 10 TO 15 MPH AND GUSTY IN THE EVENING
BECOMING DOWNSLOPE/DOWNVALLEY 4-7 MPH.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....SOUTHWEST 10 TO 15 MPH.
MIXING HEIGHT.....4800-6300 FT AGL DECREASING TO 200-800 FT AGL
AFTER MIDNIGHT.
SMOKE DISPERSAL.....GOOD (81200 KNOT-FT) DECREASING TO POOR (4000
KNOT-FT) AFTER MIDNIGHT.
HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.